

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Lars GERTMAR</td><td>04/23/2008</td></tr><tr><td>Hans Christian CHRISTENSEN</td><td>03/28/2008</td></tr><tr><td>Erik Kolby NIELSEN</td><td>03/13/2008</td></tr><tr><td>Jouko NIIRANEN</td><td>04/07/2008</td></tr><tr><td>Stefan THORBURN-JOHANSSON</td><td>04/23/2008</td></tr><tr><td>Leif-Erik WRAEE</td><td>03/13/2008</td></tr></tbody></table>	Name	Execution Date	Lars GERTMAR	04/23/2008	Hans Christian CHRISTENSEN	03/28/2008	Erik Kolby NIELSEN	03/13/2008	Jouko NIIRANEN	04/07/2008	Stefan THORBURN-JOHANSSON	04/23/2008	Leif-Erik WRAEE	03/13/2008	
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RECEIVING PARTY DATA															
Name:	ABB RESEARCH LTD														
Street Address:	AFFOLTERNSTRASSE 52														
City:	ZURICH														
State/Country:	SWITZERLAND														
Postal Code:	CH-8050														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11991326</td></tr></tbody></table>	Property Type	Number	Application Number:	11991326											
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Application Number:	11991326														
CORRESPONDENCE DATA															
Fax Number:	(202)344-8300														
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NAME OF SUBMITTER:	Eric J. Franklin														

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REEL: 022540 FRAME: 0421

Total Attachments: 2

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Lars GERTMAR, Humlegatan 6, SE-722 26 Västerås, Sweden; Hans Christian CHRISTENSEN, Fordresgaardvej 25, DK-2400 Copenhagen, Denmark; Erik Kolby NIELSEN, Dyrugaardvaenget 6, DK-5250 Odense, Denmark; Jouko NIIRANEN, Kylänevantie 2A4, FI-00320 Helsinki, Finland; Stefan THORBURN-JOHANSSON, Ankargatan 8, SE-723 48 Västerås, Sweden; and Leif-Erik WRAEE, Krosselvaenget 17, DK-5690 Tommerup, Denmark, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to WIND MILL POWER FLOW CONTROL WITH DUMP LOAD AND POWER CONVERTER, for which said assignor has caused an application for United States Letter Patent to be prepared,

- ☐ the inventor's declaration for said application being executed concurrently with the execution of this instrument;
- ☐ said application to be filed in the United States Patent and Trademark Office;
- ☐ said Non-Provisional application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, and given Application Number \_\_\_\_\_;
- ☒ said application having been filed under the Patent Cooperation Treaty on 30 August 2006, and given Application No. PCT/SE2006/000999, the United States of America having been designated.

AND WHEREAS           ABB Research Ltd.  
                            Affolternstrasse 52  
                            CH-8050 Zürich  
                            Switzerland

hereinafter referred to as the assignees are desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignees to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 23 day of April, 2008  
Signature: Lars Gertmar  
Name: Lars GERTMAR  
Address: Humlegatan 6, SE-722 26 Västerås, Sweden

EXECUTED, this 28 day of March, 2008  
Signature: Hans C. Christensen  
Name: Hans Christian CHRISTENSEN  
Address: Fordresgaardvej 25, DK-2400 Copenhagen, Denmark

EXECUTED, this thru day of March, 13, 2008

Signature: Erik Kolby  
Name: Erik Kolby NIELSEN  
Address: Dyrugaardvaenget 6, DK-5250 Odense, Denmark

EXECUTED, this 7th day of April, 2008

Signature: Jouko Niiranen  
Name: Jouko NIIRANEN  
Address: Kylänevantie 2A4, FI-00320 Helsinki, Finland

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2008

Signature: Stefan Thorburn-Johansson  
Name: Stefan THORBURN-JOHANSSON  
Address: Ankargatan 8, SE-723 48 Västerås, Sweden

EXECUTED, this 13 day of March, 2008

Signature: Leif-Erik Wraae  
Name: Leif-Erik WRAEE  
Address: Krosselvaenget 17, DK-5690 Tommerup, Denmark